	Application No.	Applicant(s)
Notice of Allowability	10/789,138	PEDDADA, PRASAD
	Examiner	Art Unit	
	Oanh Duong	2155	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *11/13/07*.

2. ☒ The allowed claim(s) is/are *1,3,4,6-9,11,12,14-17,19,20 and 22-30*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None   of the:

        1. ☐ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

        3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of

        Paper No./Mail Date _____ .

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

/Oanh Duong/
Primary Examiner

INTERVIEW SUMMARY

1.   A telephone interview was initiated by examiner on January 22, 2008.

Applicant's representative authorized examiner to enter a proposed amendment as

shown below by examiner's amendment.

EXAMINER'S AMENDMENT

2.   An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicant, an amendment may be filed as provided

by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be

submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview

with Nathan L. Feld (Registration No. 59,725) on January 22, 2008.

The claims of the invention are amended as follows:

1. (Currently Amended) A system for communicating information about server

resources between servers in a cluster, the system comprising:

one or more computers;

a server cluster, run on said one or more computers, having a plurality of cluster

members, including a first cluster member and a second cluster member;

a set of resources or services on said first cluster member that can be used by

other cluster members in the server cluster;

wherein said first cluster member sends an advertisement of [[its]] the services to the other cluster members,

wherein if said second cluster member determines said second cluster member is out of synchronization with said first cluster member, or missed [[an]] the advertisement, said second cluster member makes a Hypertext Transfer Protocol (HTTP) point-to-point request to said first cluster member requesting the advertisement[[s]] missed;

wherein said first cluster member responds to said HTTP point-to-point request by sending a HTTP point-to-point response including an update of Java Naming and Directory Interface (JNDI) tree of said first cluster member member's Java Naming and Directory Interface (JNDI) tree to said second cluster member.

8. (Currently Amended) The system of claim [[5]] 1 wherein as part of the advertisement the first cluster member packages a JNDI update of all it's the services and multicasts the package to all cluster members.

9. (Currently Amended) A method of communicating information about server resources between servers in a cluster, the method comprising the steps of:

providing a server cluster including a first cluster member and a second cluster member, and resources operating thereon;

sending an advertisement from said first cluster member to other cluster members in the server cluster announcing the resources or services on said first cluster member;

subsequently, if said second cluster member determines said second cluster member is out of synchronization with said first cluster member, or missed the [[an]] advertisement, making a Hypertext Transfer Protocol (HTTP) point-to-point request from said second cluster member to said first cluster member requesting the advertisement[[s]] missed;

receiving a HTTP point-to-point response including an update of Java Naming and Directory Interface (JNDI) tree of said first cluster member member's Java Naming and Directory Interface (JNDI) tree from said first cluster member at said second cluster member and updating said second cluster member accordingly.

17. (Currently amended) A computer readable medium including instructions stored thereon which when executed cause a computer or computers to perform the steps of:

providing a server cluster including a first cluster member and a second cluster member, and resources operating thereon;

sending an advertisement from said first cluster member to other cluster members in the server cluster announcing the resources or services on said first cluster member;

subsequently, if said second cluster member determines said second cluster

member is out of synchronization with said first cluster member, or missed the [[an]]

advertisement, making a Hypertext Transfer Protocol (HTTP) point-to-point request from

said second cluster member to said first cluster member requesting the

advertisement[[s]] missed;

receiving a HTTP point-to-point response including an update of Java Naming

and Directory Interface (JNDI) tree of said first cluster member ~~member's Java Naming~~

~~and Directory Interface (JNDI) tree~~ from said first cluster member at said second cluster

member and updating said second cluster member accordingly.

REASONS FOR ALLOWANCE

3.   The following is an examiner's statement of reasons for allowance:

Applicant's argument is persuasive (see Remarks filed on 11/13/2007, page 9 to

page 12).

Any comments considered necessary by applicant must be submitted no later

than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on

Statement of Reasons for Allowance."

4.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Oanh Duong whose telephone number is (571) 272-3983. The examiner can normally be reached on Monday- Friday, 9:30PM - 6:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Saleh Najjar can be reached on (571) 272-4006. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Oanh Duong/
Primary Examiner
AU: 2155